

VSEPR-

Name:

Shape- General Formula	Lewis diagram	Number of LP around the central atom	Number of BP around the central	structural diagram or shape diagram	Polar/NP
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AX ₄ Ex CH ₄		0	4	 109°	NP
AX ₃ E Ex NH ₃		1	3	 trigonal pyramidal	P
AX ₂ E ₂ Ex H ₂ O		2	2	 V shaped or bent	P
AX ₃ Ex BH ₃		0	3	 trigonal planar	NP
AX ₅ Ex NBr ₅		0	5	 trigonal bipyramidal	NP
AX ₆ Ex SF ₆		0	6	 octahedral	NP

